

PCT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 21 December 1999 (21.12.99)	
International application No. PCT/GB99/00491	Applicant's or agent's file reference TNT 3011
International filing date (day/month/year) 15 February 1999 (15.02.99)	Priority date (day/month/year) 10 March 1998 (10.03.98)
Applicant ATKINSON, Alan, William et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

04 October 1999 (04.10.99)

☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No.: (41-22) 740.14.35</p>	<p>Authorized officer</p> <p>Eugénia Santos</p> <p>Telephone No.: (41-22) 338.83.38</p>
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TENT COOPERATION TRE/

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

DRURY, Peter, Lawrence
T & N Limited
Cawston Lane, Cawston
Rugby
Warwickshire CV22 7SA
ROYAUME-UNI

Date of mailing (day/month/year) 21 December 1999 (21.12.99)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference TNT 3011	
International application No. PCT/GB99/00491	International filing date (day/month/year) 15 February 1999 (15.02.99)

1. The following indications appeared on record concerning:

☐ the applicant ☐ the inventor ☒ the agent ☐ the common representative

Name and Address

DRURY, Peter, Lawrence
T & N Limited
Manchester International Office
Centre
Styal Road
Manchester M22 5TN
United Kingdom

State of Nationality

State of Residence

Telephone No.

0161 955 5270

Facsimile No.

0161 955 5241

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

Name and Address

DRURY, Peter, Lawrence
T & N Limited
Cawston Lane, Cawston
Rugby
Warwickshire CV22 7SA
United Kingdom

State of Nationality

State of Residence

Telephone No.

01788 528356

Facsimile No.

01788 816559

Teleprinter No.

3. Further observations, if necessary:

The agent's new address in the demand has been considered as a request to record a change under Rule 92bis. In case of disagreement, please notify the International Bureau.

4. A copy of this notification has been sent to:

<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Eugénia Santos

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

To

DRURY, Peter L.
T&N LIMITED
Cawston House
Cawston Lane, Cawston
Rugby,
Warwickshire CV22 7SA
GRANDE BRETAGNE

Date of mailing
(day month year)

22. 11. 99

Applicant's or agent's file reference
TNT 3011

IMPORTANT NOTIFICATION

International application No
PCT/GB99/00491

International filing date (day month year)
15/02/1999

Priority date (day month year)
10/03/1998

Applicant
FEDERAL-MOGUL TECHNOLOGY LIMITED et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized officer

Mastropietro, M

Tel. +49 89 2399-8092



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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference TNT 3011	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/GB99/00491	International filing date (<i>day/month/year</i>) 15/02/1999	Priority date (<i>day/month/year</i>) 10/03/1998
International Patent Classification (IPC) or national classification and IPC C09D7/12		
Applicant FEDERAL-MOGUL TECHNOLOGY LIMITED et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 4 sheets, including this cover sheet.

- ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☒ Certain observations on the international application

Date of submission of the demand 04/10/1999	Date of completion of this report 10.11.99
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel: +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Knutzen-Mies, K Telephone No. +49 89 2399 8525 

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/GB99/00491

I. Basis of the report

1. This report has been drawn on the basis of (*substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.*):

Description, pages:

1-8 as originally filed

Claims, No.:

1-14 as originally filed

2. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	1-14
	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-14
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-14
	No:	Claims	

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/GB99/00491

2. Citations and explanations

see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/GB99/00491

ad section V.:

None of the documents cited in the international search report discloses or fairly suggests a sealing enhancing coating for gaskets or parts thereof comprising chemically exfoliated vermiculite and an organic polymeric binder which is heat resistant to at least 300 °C.

Therefore the subject matter of claims 1 - 14 of the present application is considered to comply with the requirements of Article 33(2) - (4) PCT.

ad section VIII.:

The units of measurement 'microns' should be expressed in the units 'micrometers' of the metric system (Rule 10.1(a) PCT).

PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference TNT 3011	FOR FURTHER ACTION <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</small>	
International application No. PCT/GB 99/00491	International filing date (day/month/year) 15/02/1999	(Earliest) Priority Date (day/month/year) 10/03/1998
Applicant FEDERAL-MOGUL TECHNOLOGY LIMITED et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

GB 99/00491

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C09D7/12 F16J15/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C09D F16J C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	GB 2 122 699 A (T & N MATERIALS RESEARCH LTD) 18 January 1984 see abstract; example 1 ---	1
A	US 4 477 094 A (NICHIAS CORP.) 16 October 1984 see claims; example 1 ---	1
A	DATABASE WPI Section Ch, Week 9333 Derwent Publications Ltd., London, GB: Class A26, AN 93-262227 XP002103379 & JP 05 180344 A (NIPPON REINZ CO LTD) , 20 July 1993 see abstract --- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

21 May 1999

Date of mailing of the international search report

04/06/1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Girard, Y

INTERNATIONAL SEARCH REPORT

International Application No

GB 99/00491

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No
A	EP 0 075 396 A (ICI) 30 March 1983 see page 6, line 32 - page 7, line 3: claims -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

GB 99/00491

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2122699	A	18-01-1984	NONE	
US 4477094	A	16-10-1984	JP 1237279 C	31-10-1984
			JP 56156437 A	03-12-1981
			JP 59002784 B	20-01-1984
			JP 1299606 C	31-01-1986
			JP 57006158 A	13-01-1982
			JP 60024346 B	12-06-1985
			US 4629199 A	16-12-1986
EP 75396	A	30-03-1983	AT 13686 T	15-06-1985
			AU 558430 B	29-01-1987
			AU 8795882 A	02-02-1983
			BR 8205347 A	23-08-1983
			CA 1203333 A	15-04-1986
			DK 403082 A,B,	15-03-1983
			FI 823141 A,B,	15-03-1983
			GR 76283 A	04-08-1984
			IE 53286 B	28-09-1988
			JP 1447672 C	30-06-1988
			JP 58059267 A	08-04-1983
			JP 62053028 B	09-11-1987
			PT 75552 A,B	01-10-1982
			US 4425465 A	10-01-1984
			ZA 8206444 A	27-04-1983
			ZW 18682 A	13-06-1984